

**213288. GOSSYPIUM. Malvaceae. Cotton.**

From Spain. Seeds presented by the Instituto de Fomento de la Producción de Fibras Textiles, Sevilla. Received Feb. 12, 1954.

*Andalucia.*

**213289. PINUS TORREYANA Parry. Pinaceae. Pine.**

From California. Seeds presented by the United States Field Station, La Jolla. Received Feb. 12, 1954.

**213290 to 213306. PIPER NIGRUM L. Piperaceae. Black pepper.**

From India. Collected by H. S. Gentry, Agricultural Explorer, Horticultural Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Feb. 10, 1954.

Unless otherwise mentioned, material collected was cuttings.

213290. No. 13521. Western boundary of Coorg, along road to Tellicherry; altitude 1,000 feet. Low-branching vines climbing on tree trunks. Jan 27, 1954.

213291. No. 13543. *Kalluvalli*. Ten miles south of Cannanore, Malabar Coast. Jan. 29, 1954; near sea level. Vigorous vines 8–12 years old with large green leaves, mostly perfect-flowered spikes with densely set fruits.

213292. No. 13547. *Kalluvalli*. Suntikoppa, Coorg State; altitude 3,000–3,500 feet. Rainfall 70–80 inches. Reported as being 1 of the 2 best stocks being propagated. Jan. 30, 1954.

213293. No. 13548. *Karingota*. Suntikoppal, Coorg State; altitude 3,000 feet. From Malabar, reported as 1 of 2 best yielders being propagated. Jan. 30, 1954.

213294. No. 13550. *Kall-ballamcotta*. Pollibetta Estates, Pollibetta, Coorg; altitude 3,000–3,500 feet. Jan. 30, 1954. Vigorous middle-age vines climbing to 30 feet. Leaves ovate. Spikes perfect, well-filled.

213295. No. 13551. *Ballamcotta*. Pollibett Estates, Pollibetta, Coorg; altitude 3,000–3,500 feet. Vigorous vines with dark green foliage and occasional large leaves among smaller; spikes long, partly filled. Jan. 30, 1954.

213296. No. 13552. *Kalluvalli*. Pollibetta Estate, Pollibetta, Coorg; altitude 3,000–3,500 feet. Mature vigorous vine with good crop of well-filled spikes; spikes with strong development of stamens. Jan. 30, 1954.

213297. No. 13553. *Utheramcotta*. Pollibetta Estates, Pollibetta, Coorg; altitude 3,000–3,500 feet. Vigorous vine with dark green foliage spikes, without stamens; yield reported to be irregular and light, but berries heavy. Jan. 30, 1954.

213298. No. 13554. *Kalluvalli*. Nine miles southeast of Pollibetta, Coorg; altitude 3,000 feet. Mature vine, with scattered partly filled spikes; spikes with stamens. Jan. 31, 1954.

213299. No. 13562. *Belamcotta*. Pollibetta Estates, Pollibetta, Coorg; altitude 3,000–3,500 feet. January 1954.

213300. No. 13563. *Kalluvalli*. Pollibetta Estates, Pollibetta, Coorg; altitude 3,000–3,500 feet. January 1954.

213301. No. 13565. *Kudaravalli*. Agriculture Experimental Farm, Tali-  
pernamba, Malabar Coast. Heavy bearer with compound spike but without stamens. Jan. 28, 1954.

213302. No. 13566. Four miles southwest of Virajpet, Coorg; about 4,000 feet altitude. Vine climbing on tree; without inflorescence. Jan. 29, 1954.

213303. No. 13554. (See P. I. 213298.) (Seeds.)

213304. No. 13562. (See P. I. 213299.) (Seeds.)

213305. No. 13563. (See P. I. 213300.) (Seeds.)

213306. No. 13565. (See P. I. 213301.) (Seeds.)